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**GEOSCIENCE IN LANDUSE PLANNING FOR ENVIRONMENTAL SUSTAINABILITY**

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**ABSTRACT:** The Selangor State Policy on Environmentally Sensitive Areas (ESAs) was officially launched on 5 June 1999. Three types of ESAs are identified. These are ESAs for Heritage Value, ESAs for Life Support Systems and ESAs associated with Hazards. The paper aims to highlight the importance of geoscience in landuse planning, particularly through the Selangor Policy on ESAs. The issues and challenges in contributing effectively to ensure environmental sustainability are discussed in this context.

**ABSTRAK:** Dasar Kawasan Sensitif Alam Sekitar (KSAS) Selangor telah dilancarkan pada 5 Jun 1999. Tiga jenis KSAS telah dikenalpasti iaitu KSAS Nilai Warisan, KSAS Sokongan Hidup dan KSAS Risiko Bencana. Kertas kerja ini membincangkan kepentingan geosains dalam perancangan gunatanah, terutamanya melalui Dasar KSAS Selangor. Isu dan cabaran dalam menyumbang secara berkesan bagi memenuhi tuntutan kelestarian alam sekitar dibincang dalam konteks tersebut.